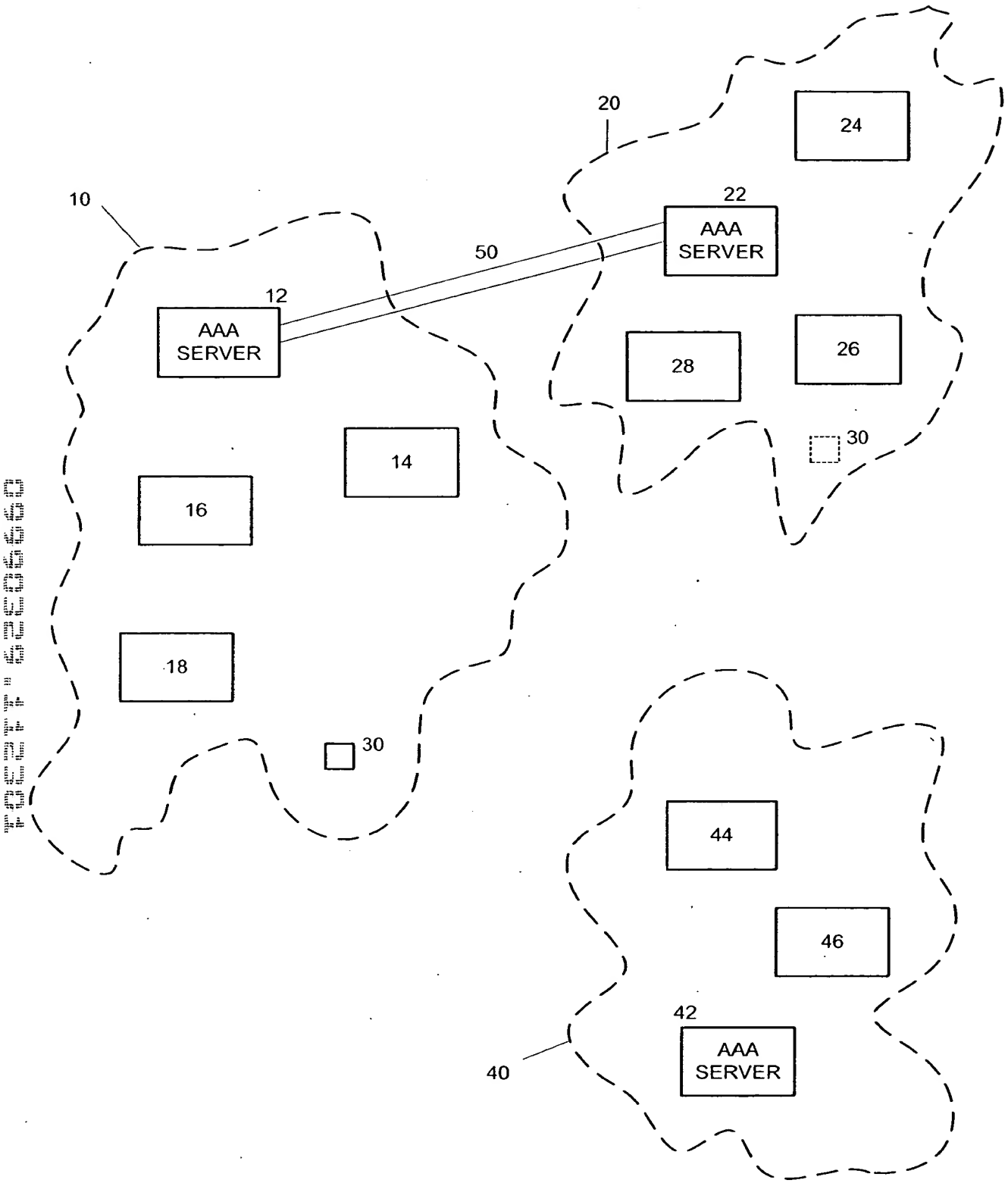

10
20
24
22
AAA SERVER
50
12
AAA SERVER
28
26
30
14
16
18
30
44
46
42
40
AAA SERVER

FIG. 1

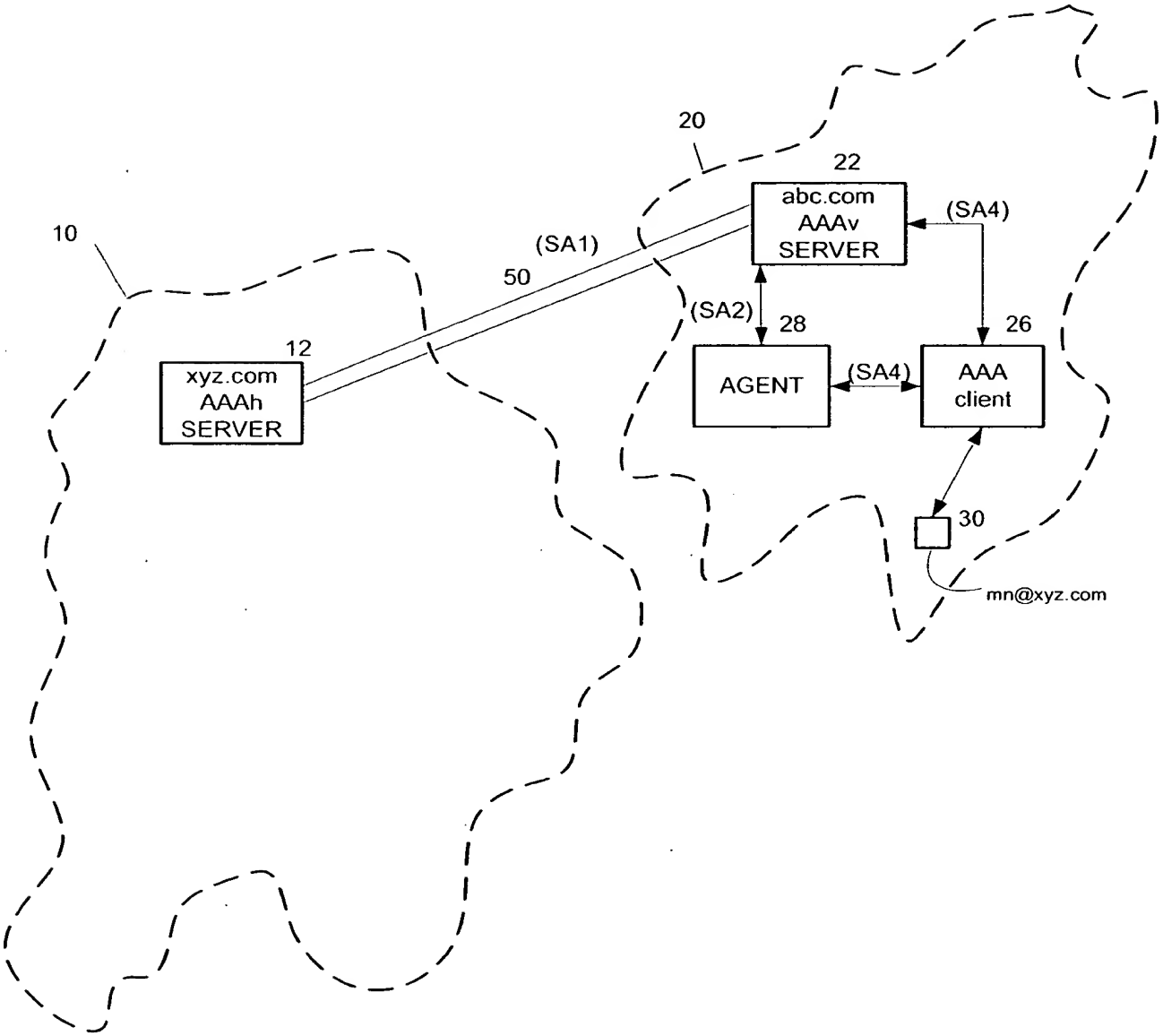

20
22
abc.com
AAAv
SERVER
(SA4)
10
(SA1)
50
(SA2)
28
26
12
xyz.com
AAAh
SERVER
AGENT
(SA4)
AAA
client
30
mn@xyz.com

FIG. 2

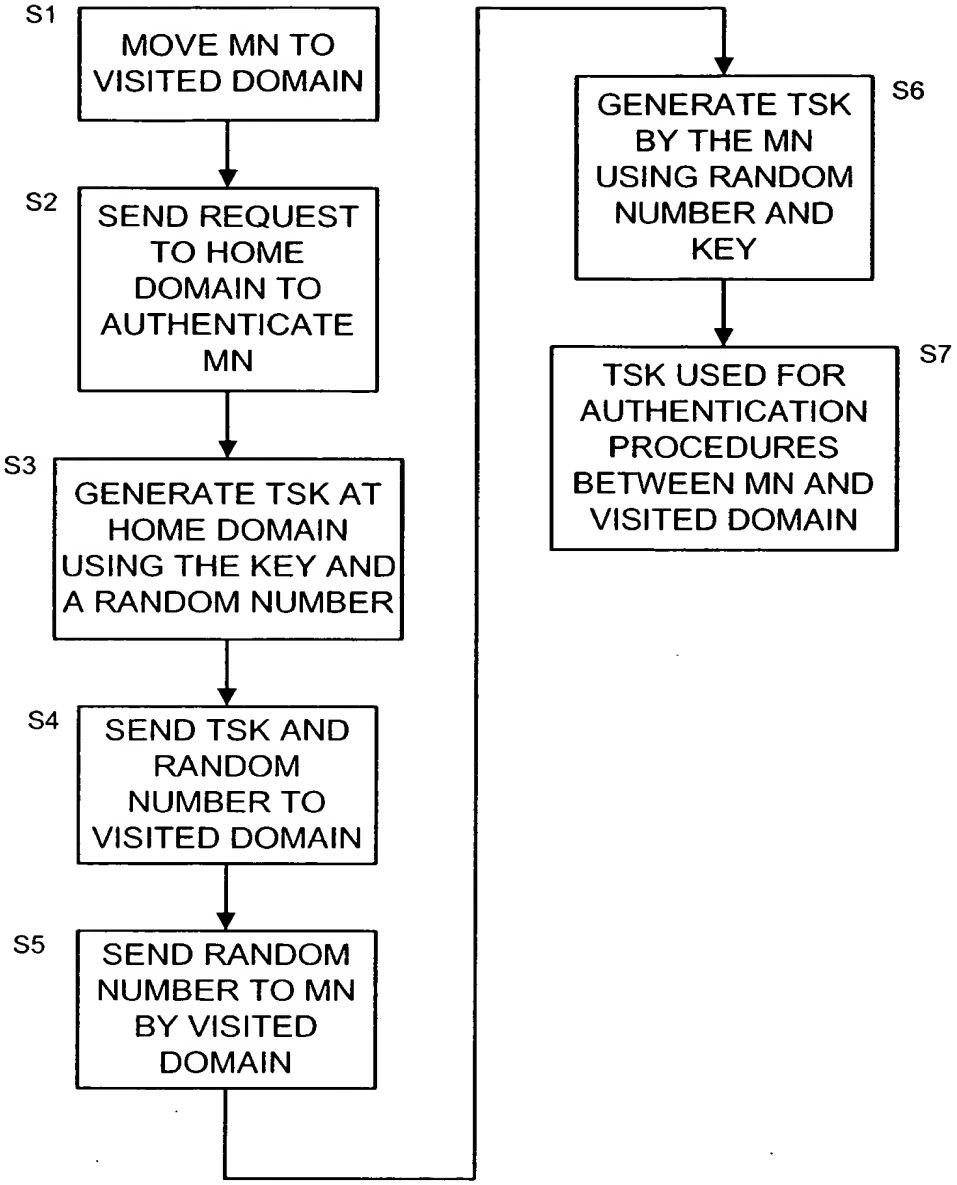
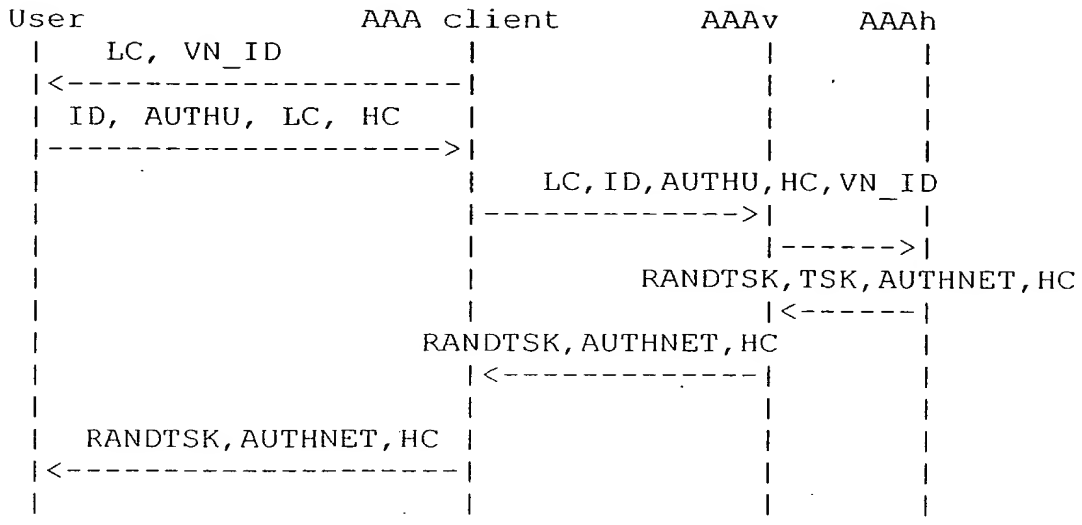

S1
MOVE MN TO VISITED DOMAIN
S2
SEND REQUEST TO HOME DOMAIN TO AUTHENTICATE MN
S3
GENERATE TSK AT HOME DOMAIN USING THE KEY AND A RANDOM NUMBER
S4
SEND TSK AND RANDOM NUMBER TO VISITED DOMAIN
S5
SEND RANDOM NUMBER TO MN BY VISITED DOMAIN
S6
GENERATE TSK BY THE MN USING RANDOM NUMBER AND KEY
S7
TSK USED FOR AUTHENTICATION PROCEDURES BETWEEN MN AND VISITED DOMAIN

FIG. 3



LC = Local Challenge
HC = Host Challenge
AUTHU = User authentication data
ID = User Identifier
VN_ID = Visited Network Identifier
AUTHNET = Network authentication data

FIG. 4

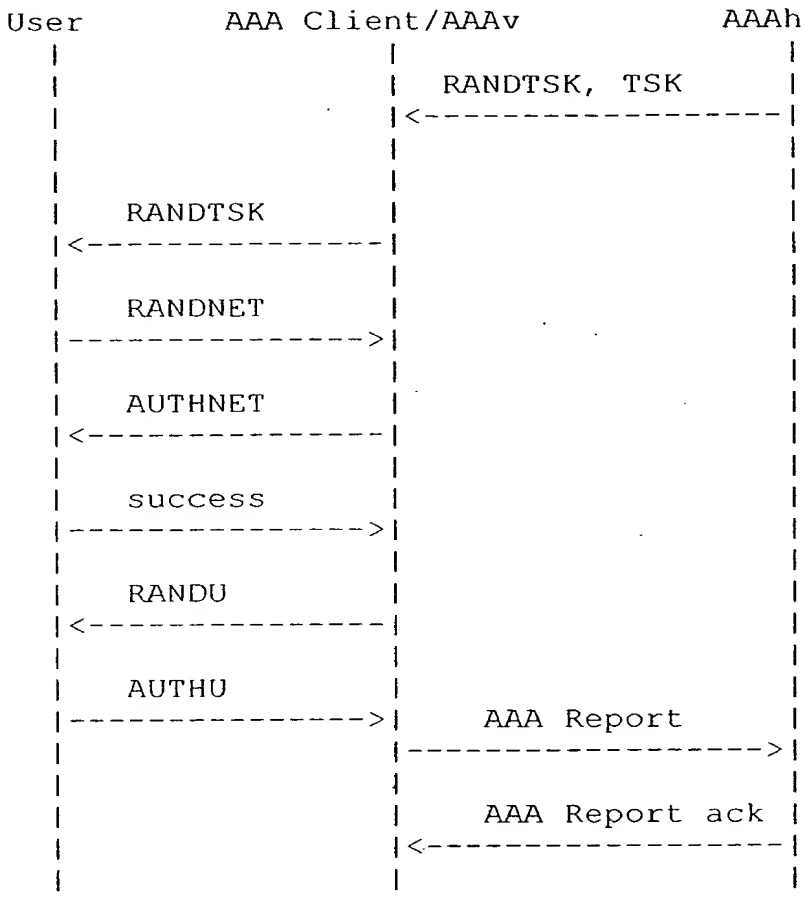

User
AAA Client/AAAv
AAAh
RANDTSK, TSK
RANDTSK
RANDNET
AUTHNET
success
RANDU
AUTHU
AAA Report
AAA Report ack

FIG. 5